

Title (en)  
FLOATING BODY

Title (de)  
SCHWIMMKÖRPER

Title (fr)  
CORPS FLOTTANT

Publication  
**EP 4108562 A1 20221228 (EN)**

Application  
**EP 21886317 A 20211028**

Priority  
• JP 2020182076 A 20201030  
• JP 2021061657 A 20210331  
• JP 2021039820 W 20211028

Abstract (en)  
The present invention is provided with: a floating body; a first tank which is disposed in the floating body and is capable of storing carbon dioxide having a gas phase and a liquid phase; a second tank which is disposed in the floating body and is capable of storing a liquefied combustible gas having a lower temperature in a liquid state than the liquid phase of the carbon dioxide; a first heat exchanger which exchanges heat between the carbon dioxide and the liquefied combustible gas; a feed line which guides the carbon dioxide from the first tank to the first heat exchanger; a return line which guides the carbon dioxide from the first heat exchanger to the first tank; and a second heat exchanger for exchanging heat between a heat medium and the liquefied combustible gas which has passed through the first heat exchanger to thus vaporize the liquefied combustible gas; and a combustor for burning the liquefied combustible gas vaporized in the second heat exchanger.

IPC 8 full level  
**B63B 25/16** (2006.01); **B63J 2/14** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP KR)  
**B63B 11/04** (2013.01 - KR); **B63B 25/16** (2013.01 - EP KR); **B63H 21/38** (2013.01 - KR); **B63J 2/14** (2013.01 - EP KR); **F17C 9/02** (2013.01 - KR); **F25J 1/0027** (2013.01 - EP KR); **F25J 1/0052** (2013.01 - EP KR); **F25J 1/006** (2013.01 - KR); **F25J 1/0204** (2013.01 - EP); **F25J 1/0221** (2013.01 - EP); **F25J 1/0222** (2013.01 - EP KR); **F25J 1/0262** (2013.01 - EP); **F25J 1/0268** (2013.01 - EP KR); **F25J 1/0277** (2013.01 - EP KR); **B63H 21/38** (2013.01 - EP); **F17C 2221/033** (2013.01 - KR); **F17C 2227/0309** (2013.01 - KR); **F17C 2265/06** (2013.01 - KR); **F17C 2270/0105** (2013.01 - KR); **F25J 2210/62** (2013.01 - EP); **F25J 2210/80** (2013.01 - KR); **F25J 2210/90** (2013.01 - EP KR); **F25J 2230/30** (2013.01 - EP); **F25J 2270/904** (2013.01 - EP KR); **F25J 2290/34** (2013.01 - EP KR); **F25J 2290/62** (2013.01 - EP); **Y02T 70/00** (2013.01 - EP); **Y02T 70/5218** (2013.01 - KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4108562 A1 20221228**; **EP 4108562 A4 20230823**; AU 2021370613 A1 20221006; AU 2021370613 B2 20221222; CN 115279655 A 20221101; JP 2022073892 A 20220517; JP 7050987 B1 20220408; KR 102651668 B1 20240327; KR 20220132647 A 20220930; KR 20230154330 A 20231107; WO 2022092200 A1 20220505

DOCDB simple family (application)  
**EP 21886317 A 20211028**; AU 2021370613 A 20211028; CN 202180021674 A 20211028; JP 2021039820 W 20211028; JP 2021061657 A 20210331; KR 20227031550 A 20211028; KR 20237035752 A 20211028